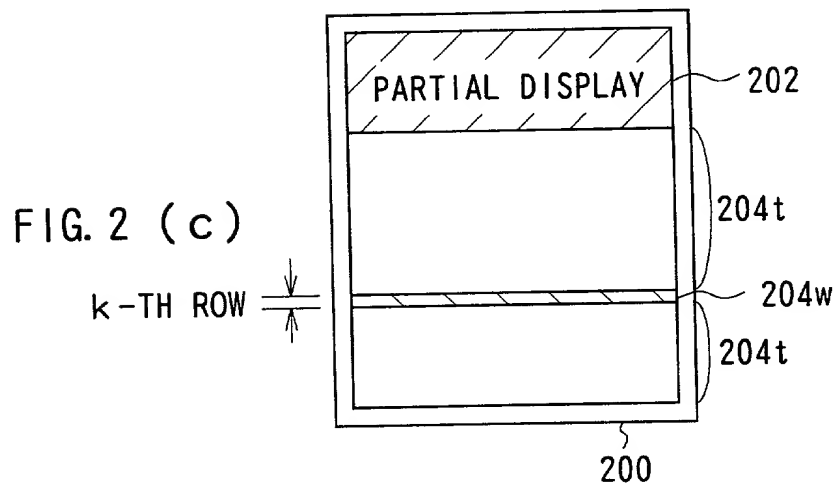
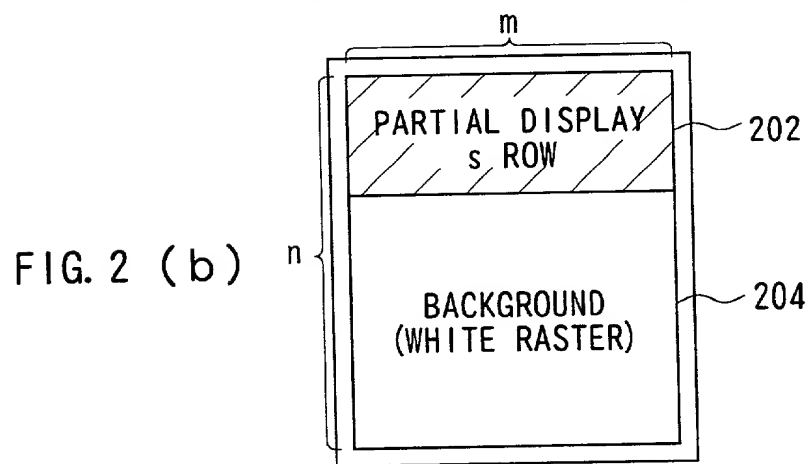
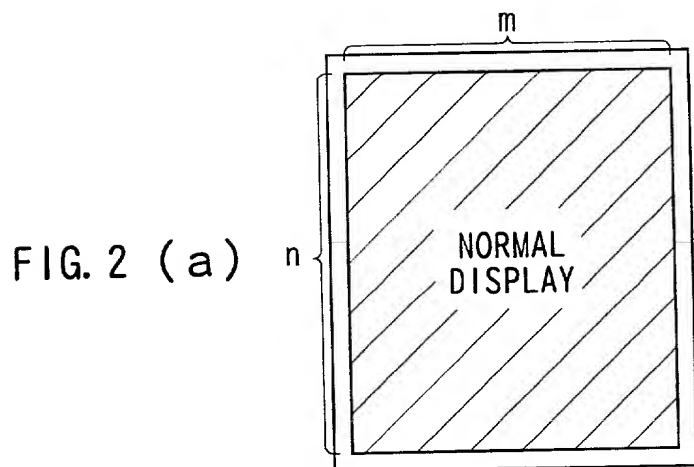
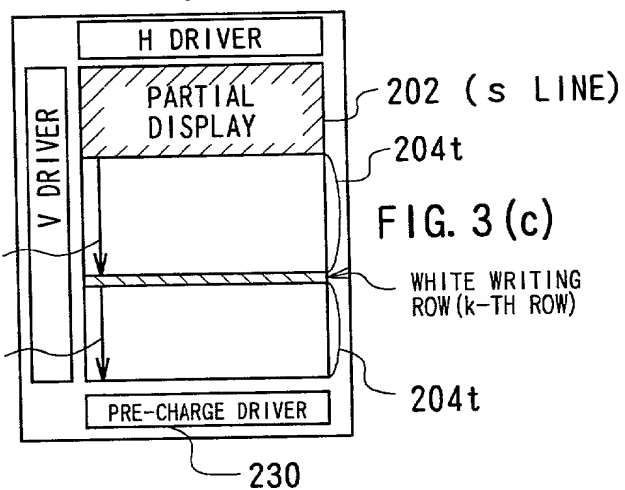
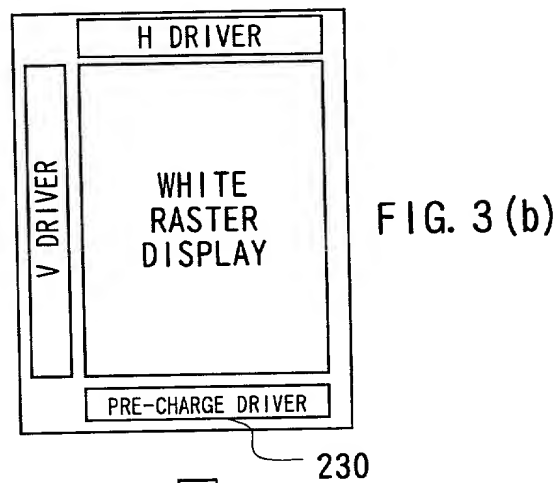
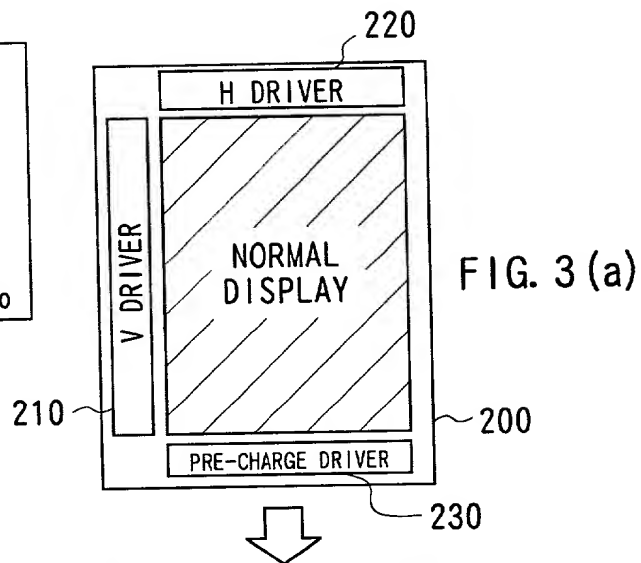
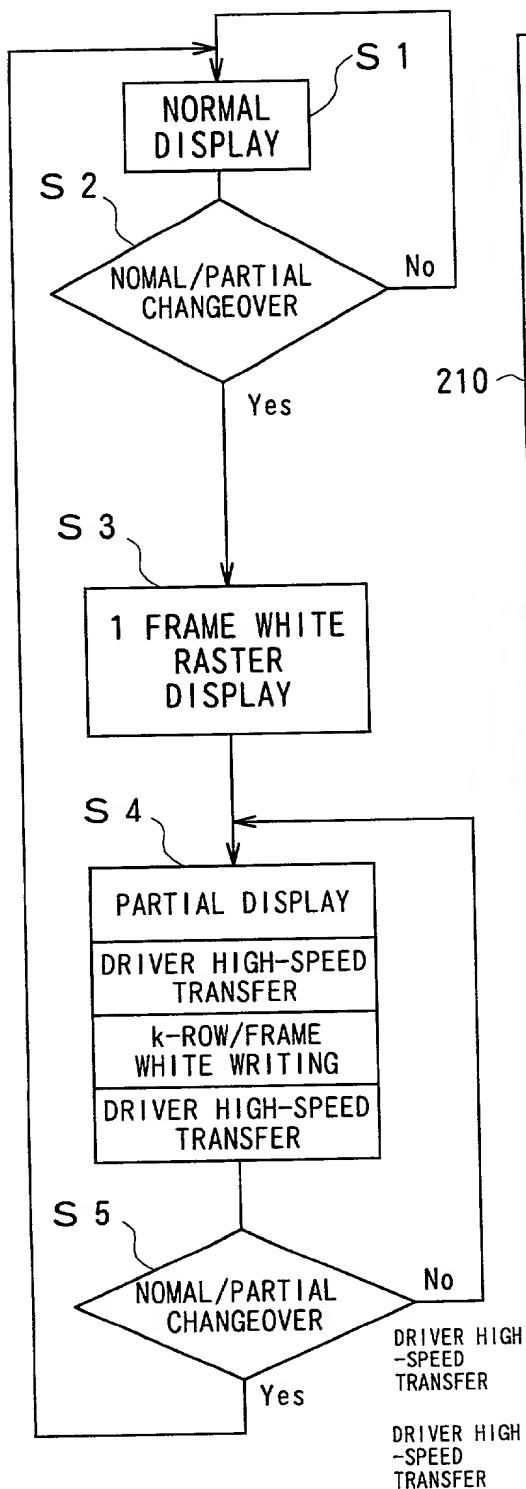


FIG. 1





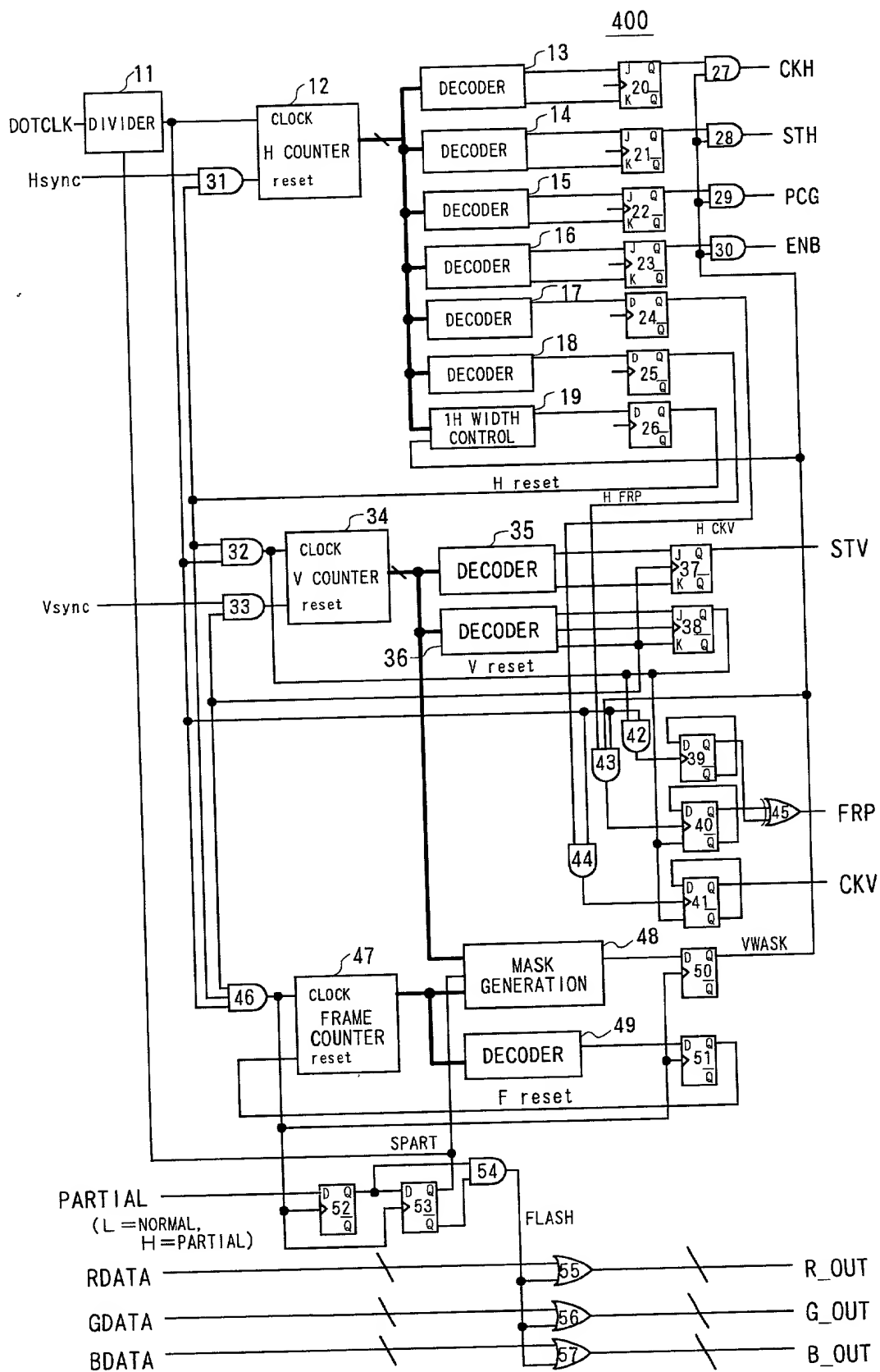


FIG. 4

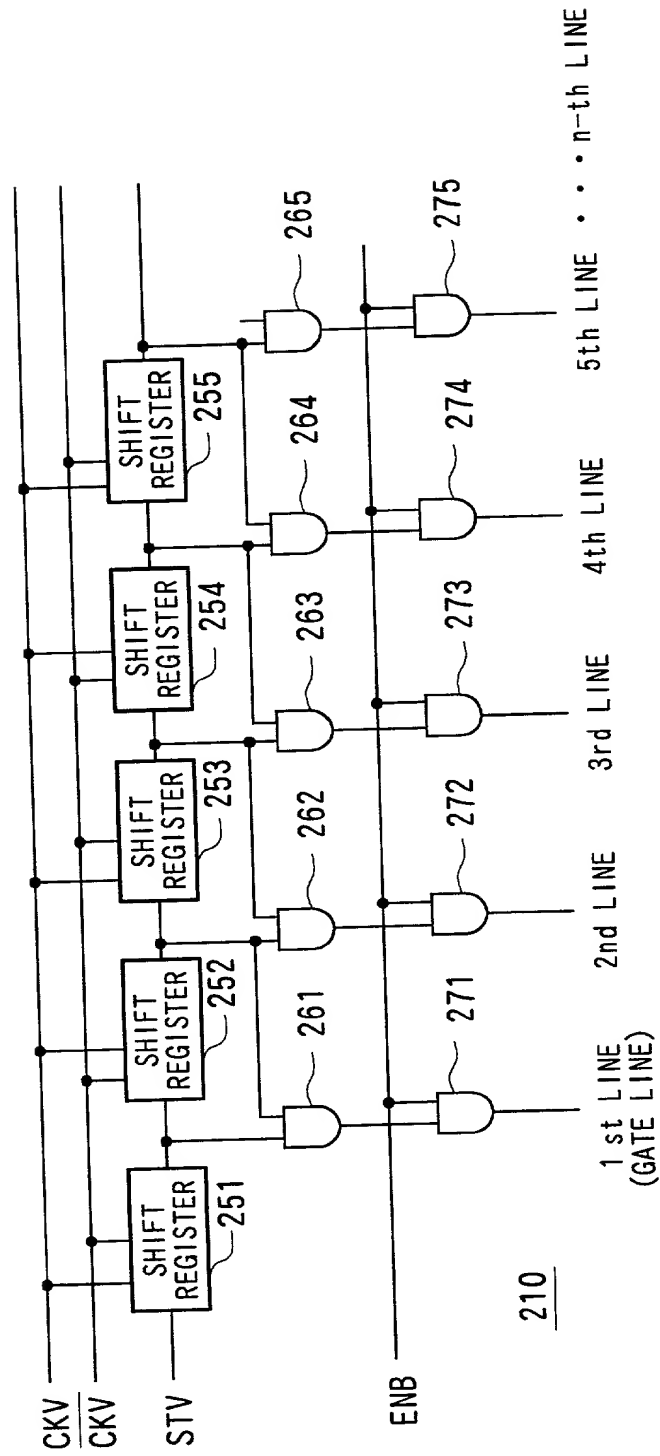


FIG. 5

11: FREQUENCY DIVIDER (DIVIDE-BY-FOUR CIRCUIT)

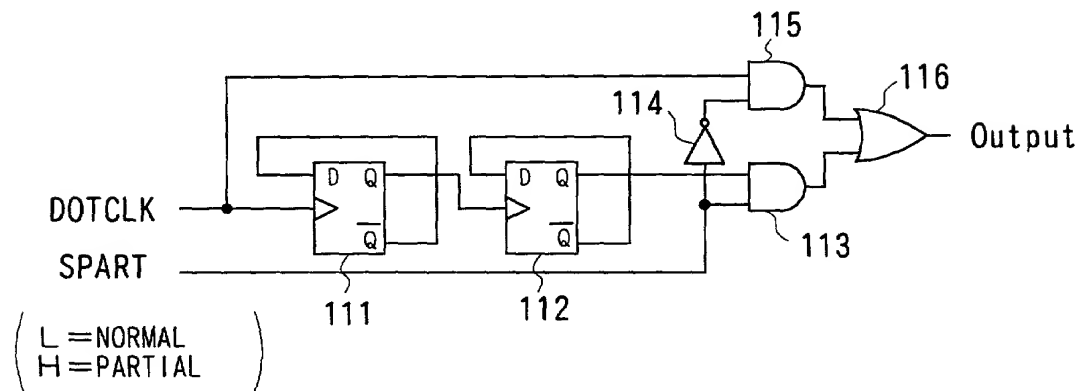
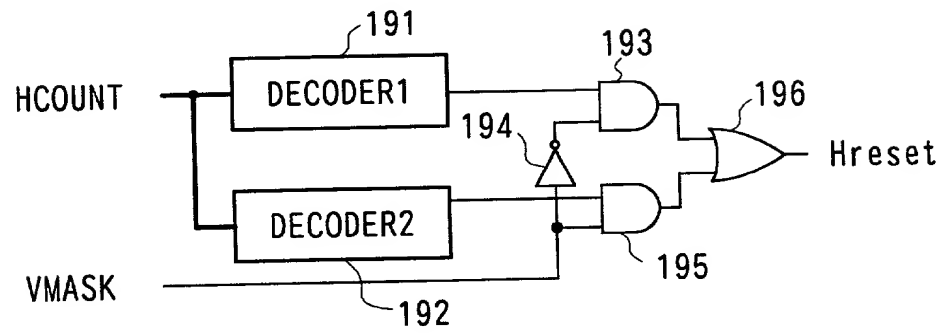


FIG. 6

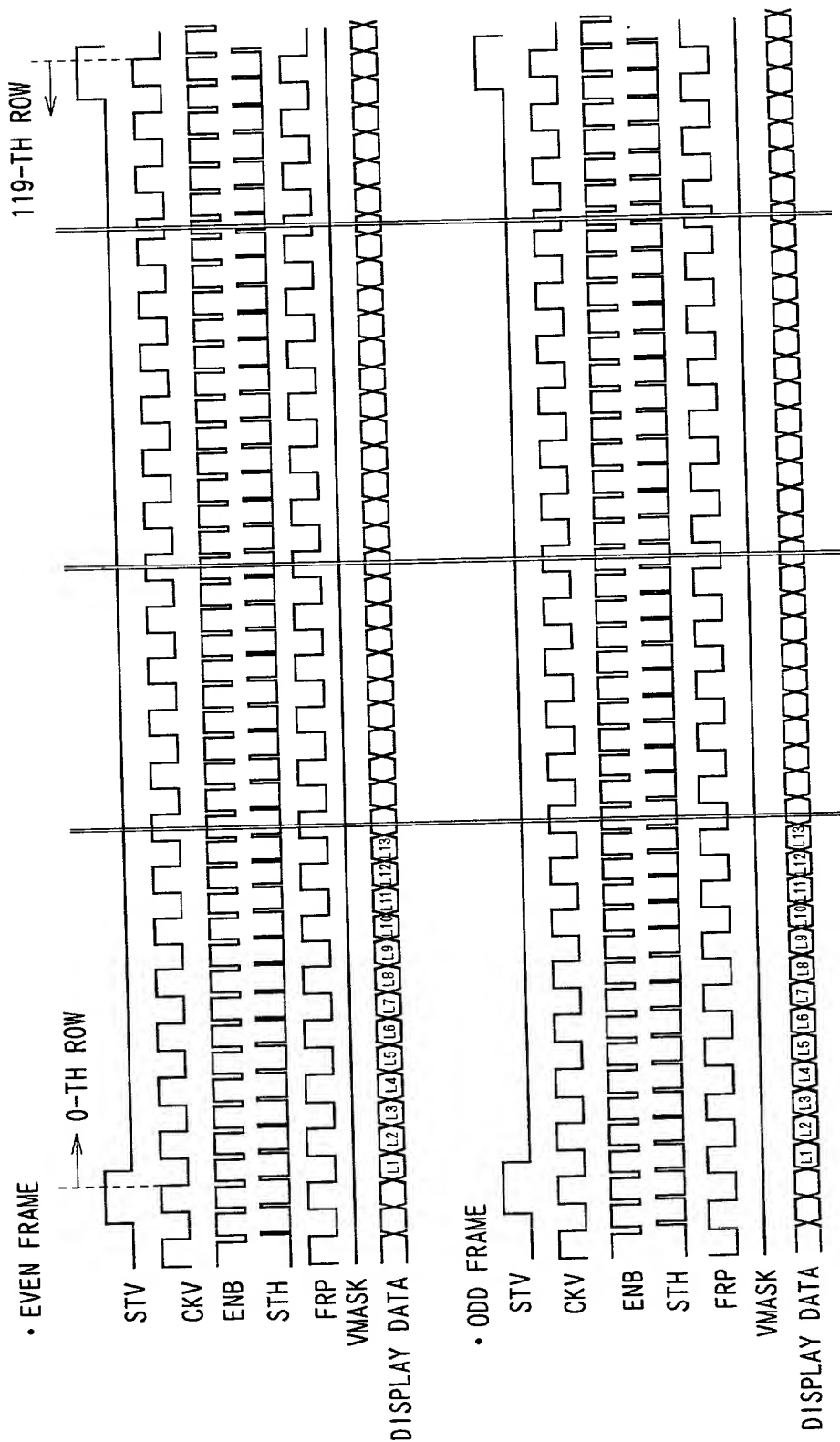
19:1H WIDTH CONTROL CIRCUIT



DECODER1 : if (COUNT=10)	→H
else	→L
DECODER2 : if (COUNT=120)	→H
else	→L

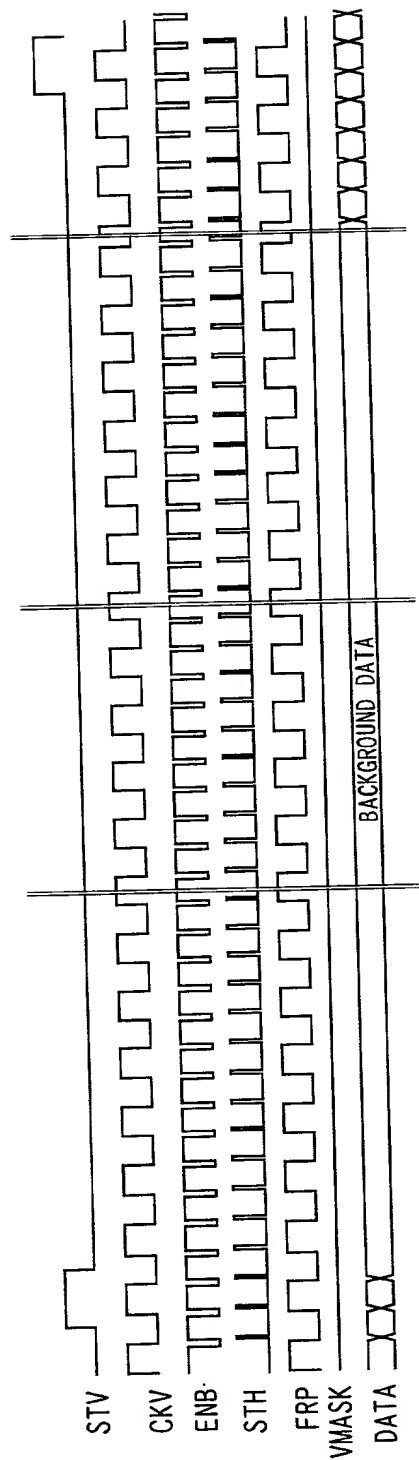
FIG. 7

[illegible]



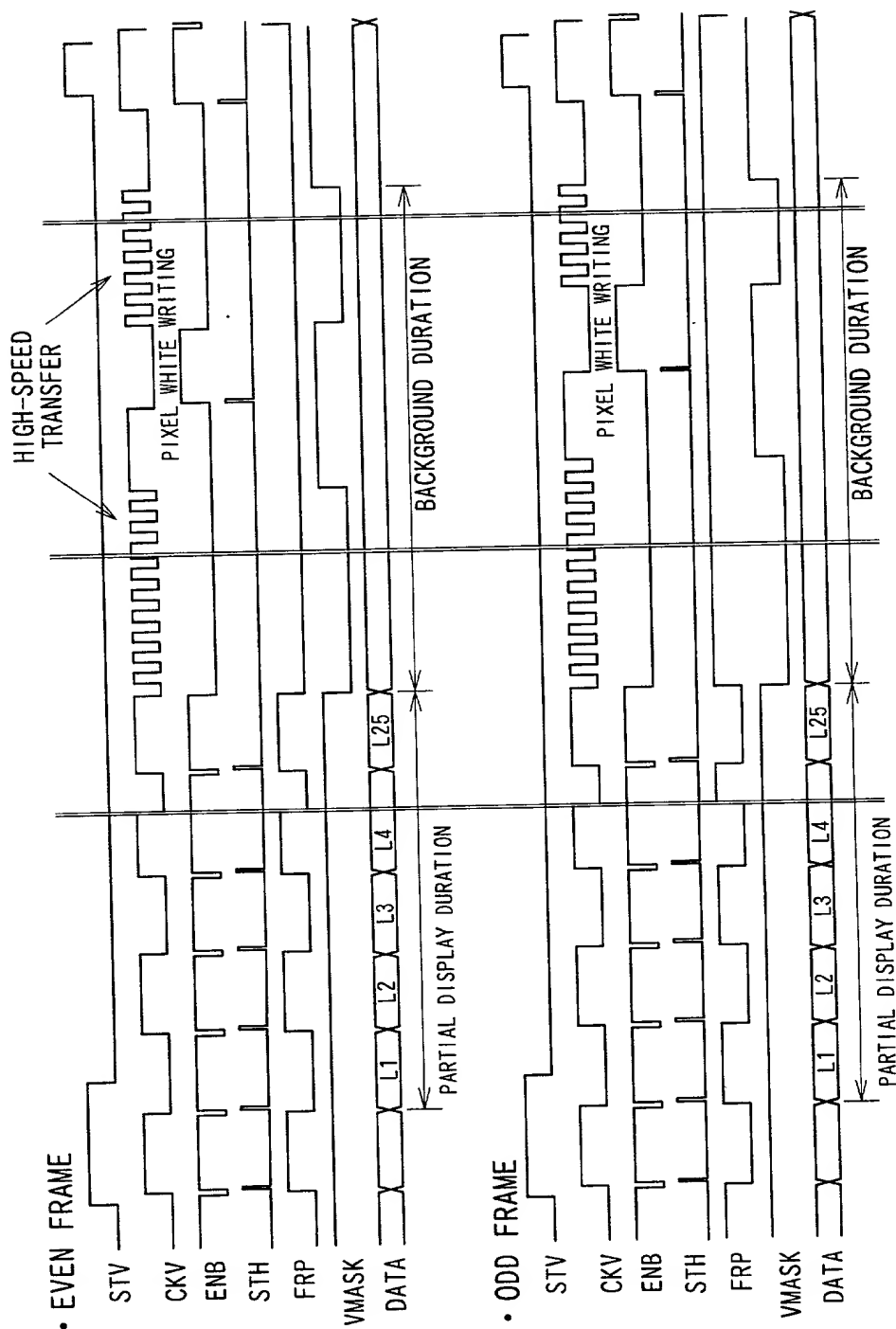
TIMING CHART IN NORMAL DISPLAY

FIG. 9



TIMING CHART IN BACKGROUND DISPLAY

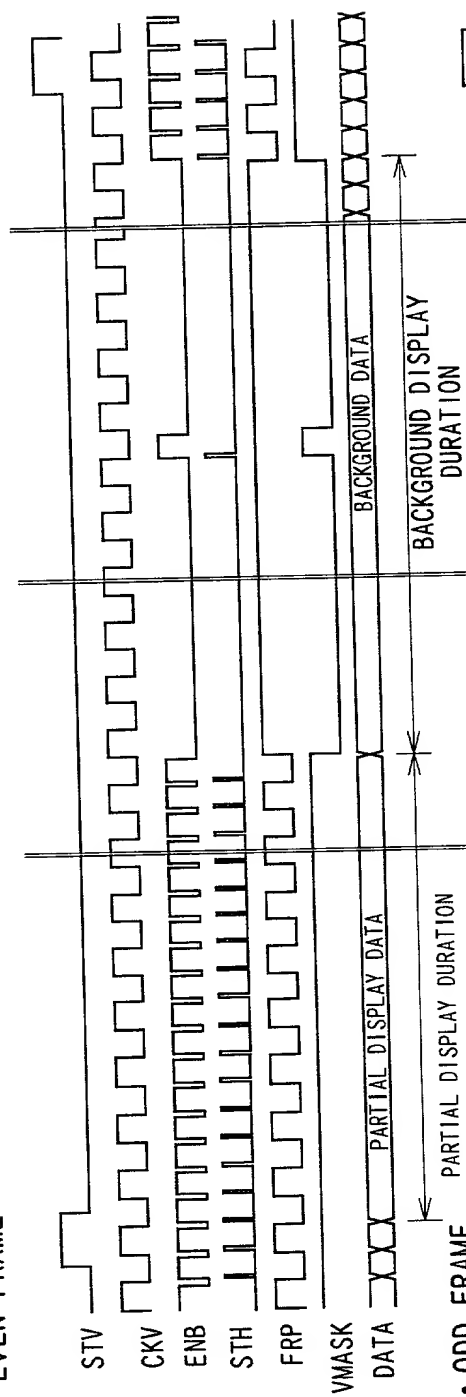
FIG. 10



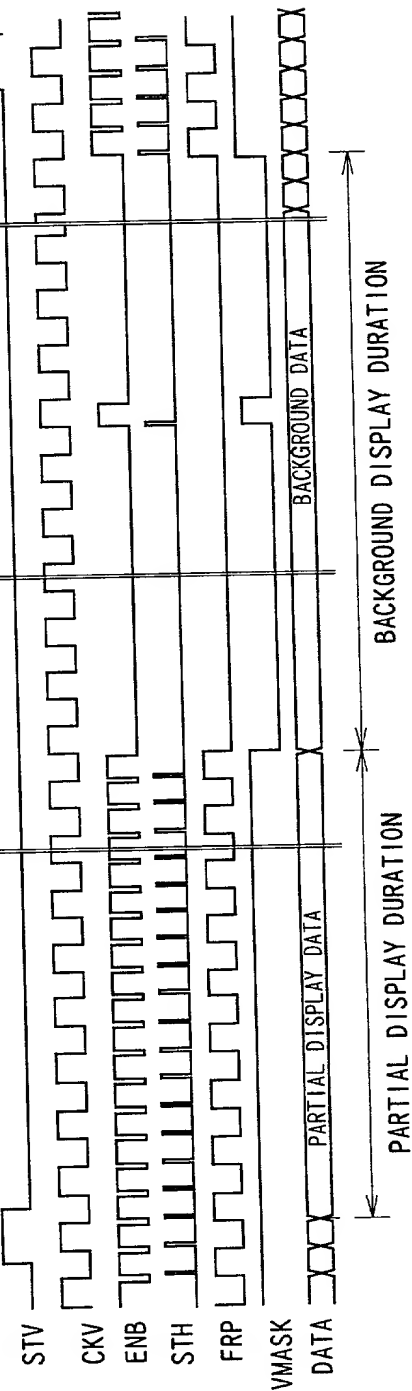
TIMING CHART IN PARTIAL DISPLAY (DRIVING METHODS 1 AND 4)

FIG. 11

• EVEN FRAME



• ODD FRAME



TIMING CHART IN PARTIAL DISPLAY (DRIVING METHOD 1)

FIG. 12

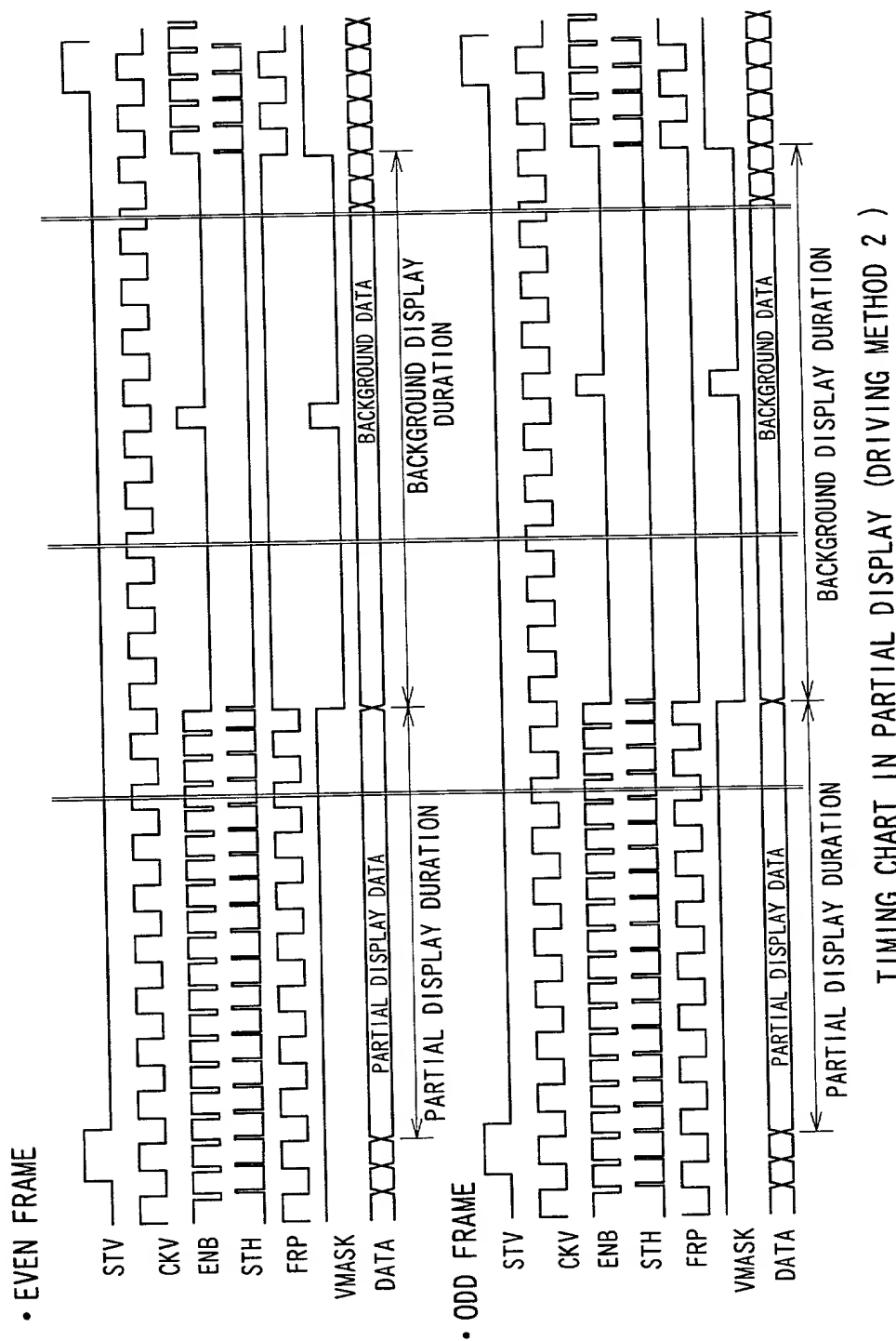
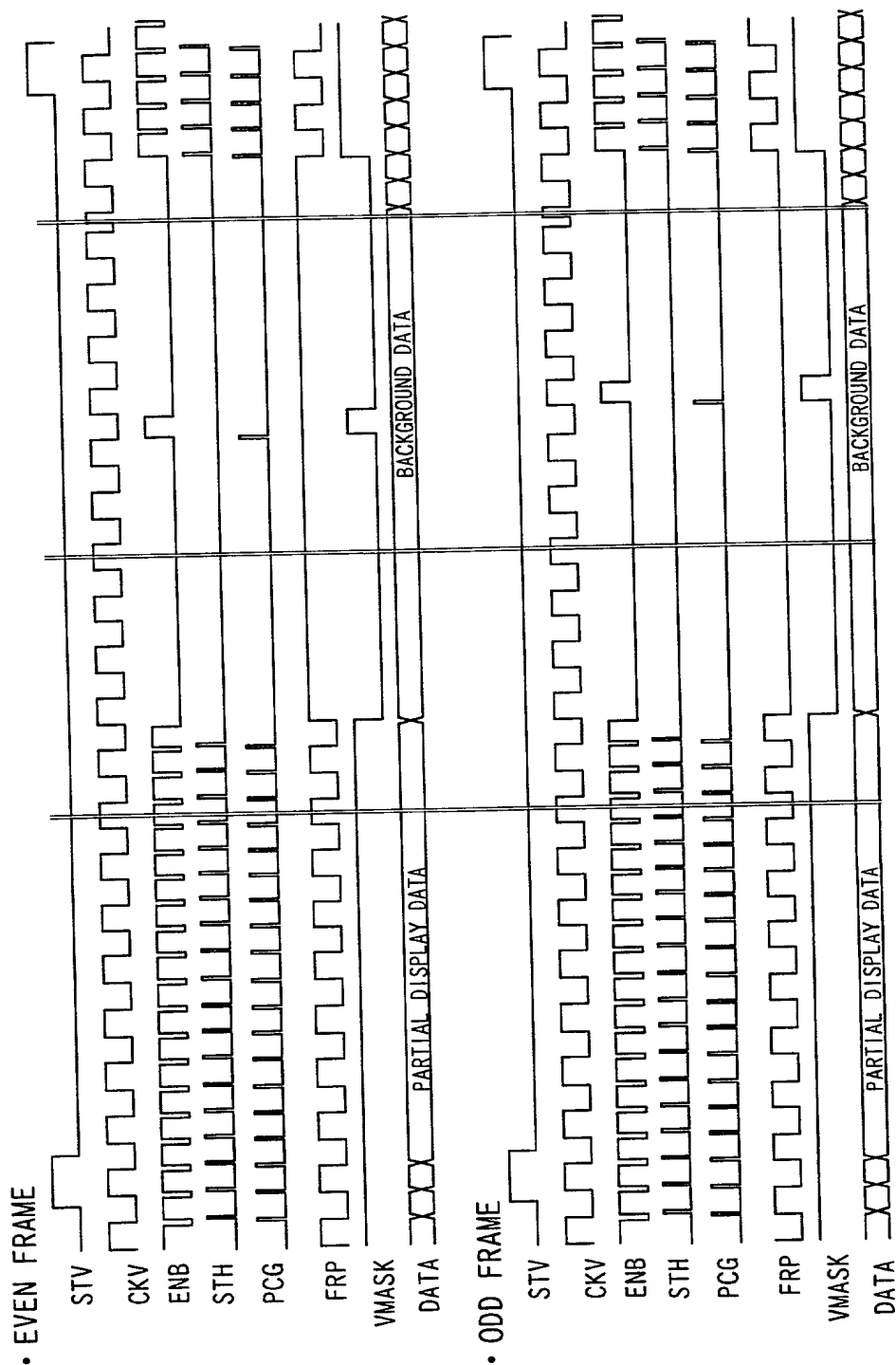


FIG. 13



TIMING CHART IN PARTIAL DISPLAY (DRIVING METHOD 3)

FIG. 15

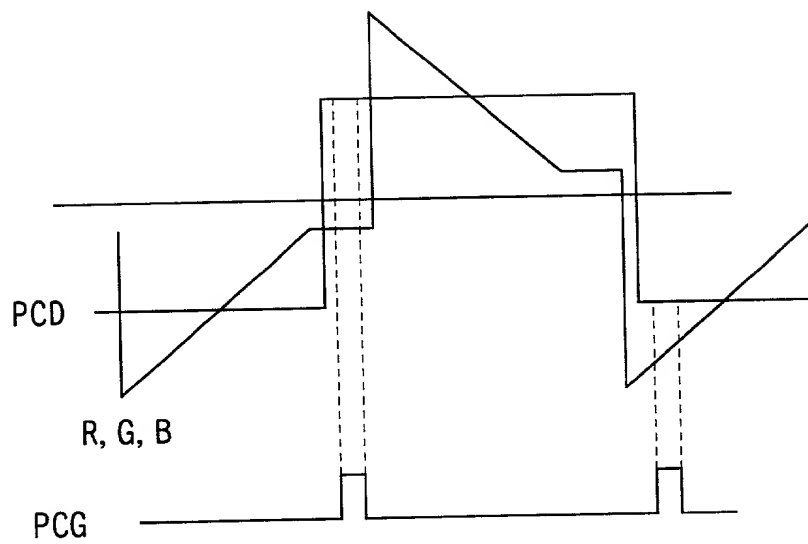
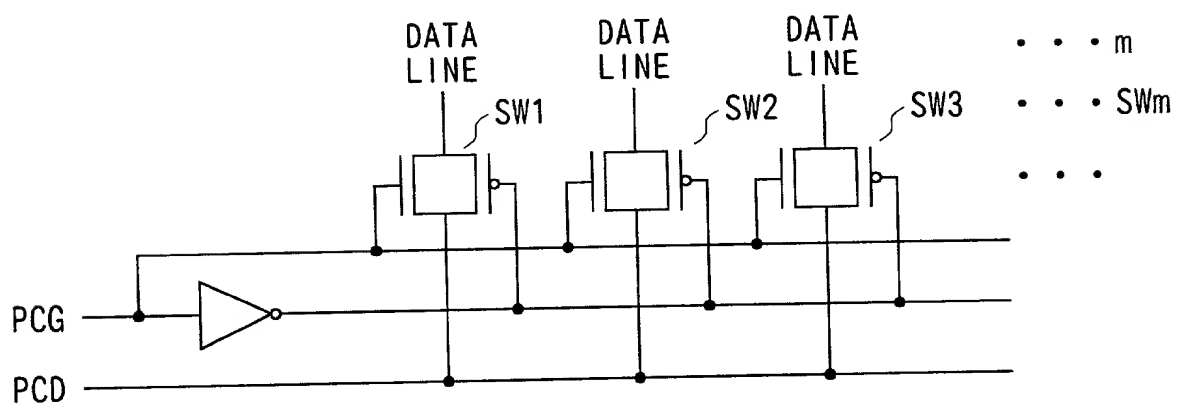
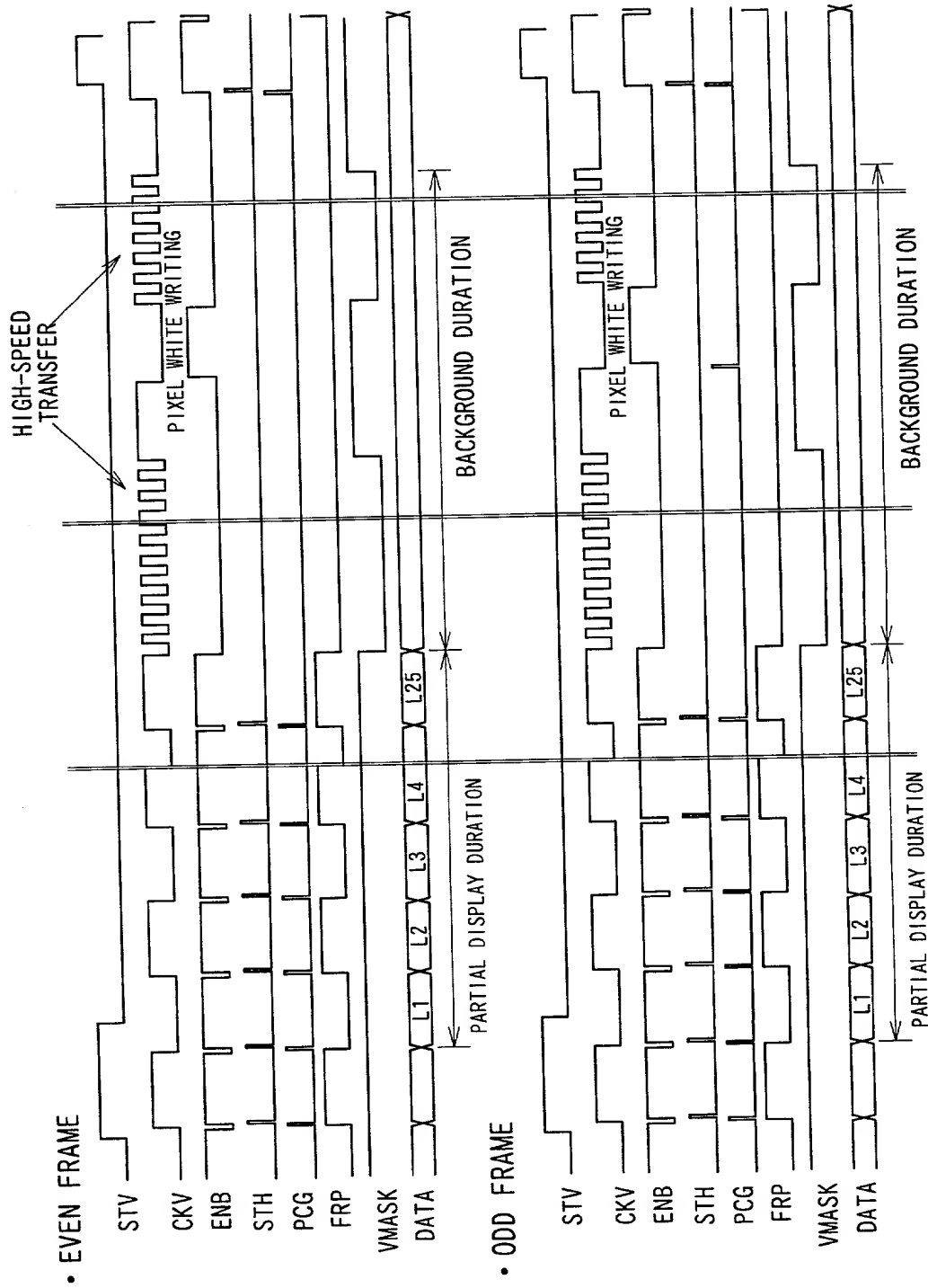


FIG. 16



230 : PRE-CHARGE DRIVER

FIG. 17



TIMING CHART IN PARTIAL DISPLAY (DRIVING METHODS 3 AND 4)

FIG. 18

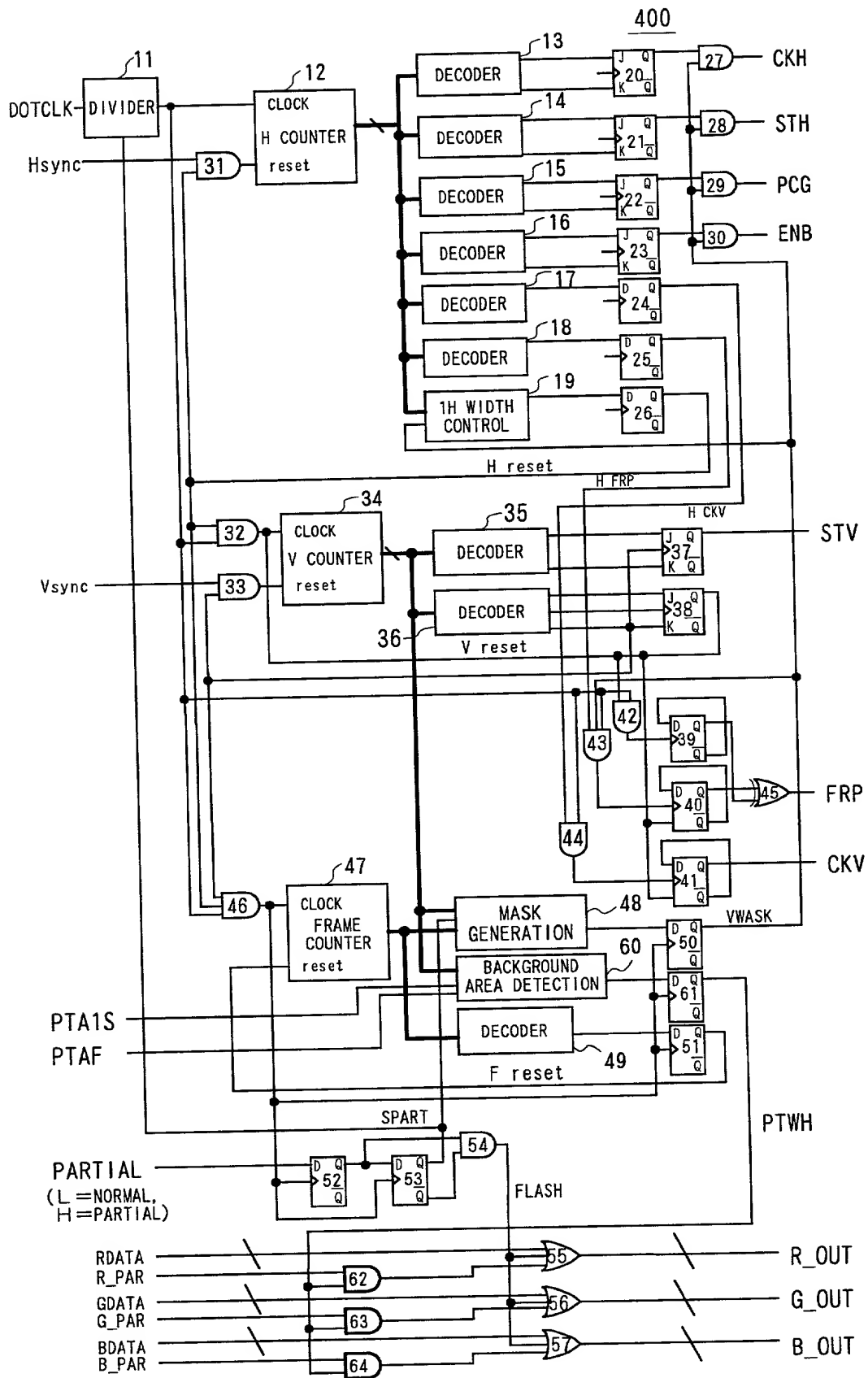
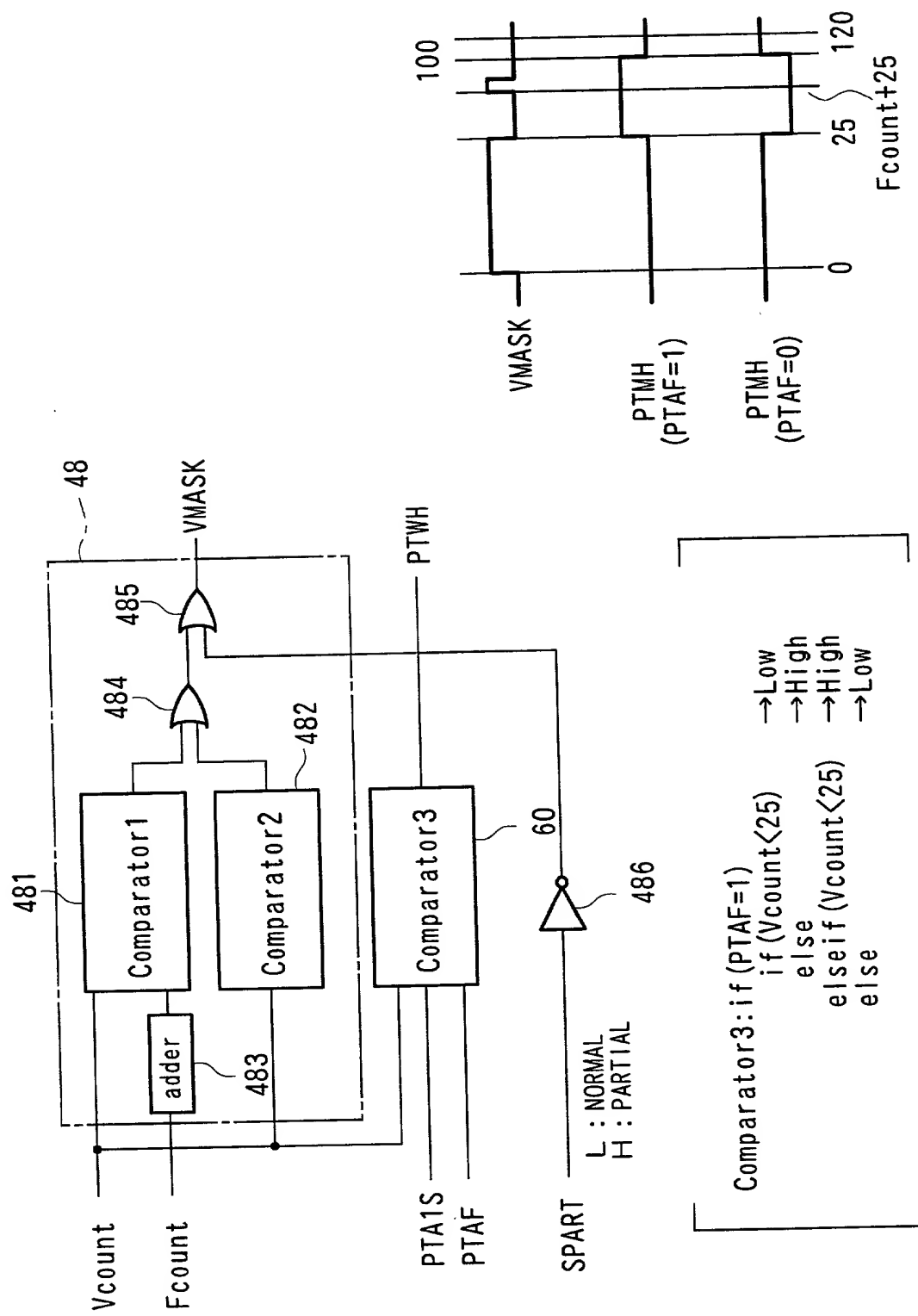


FIG. 19



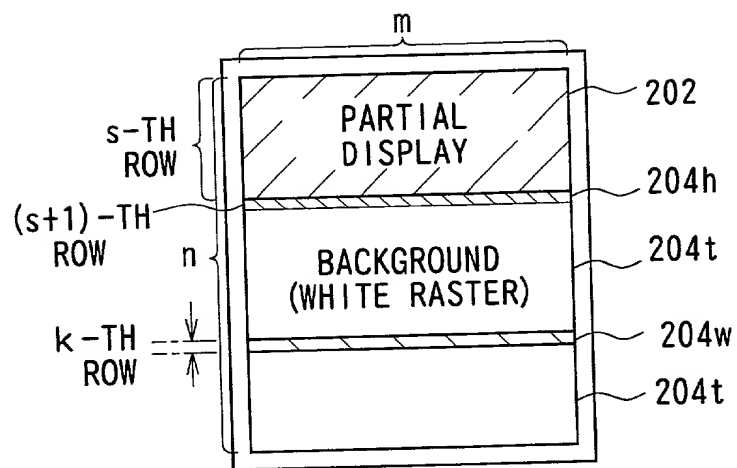


FIG. 21

```
Comparator3: if (PTAF=1)
               if (Vcount<25+1) →Low
               else                →High
           elseif (Vcount<25)      →High
           else                    →Low
```

FIG. 22

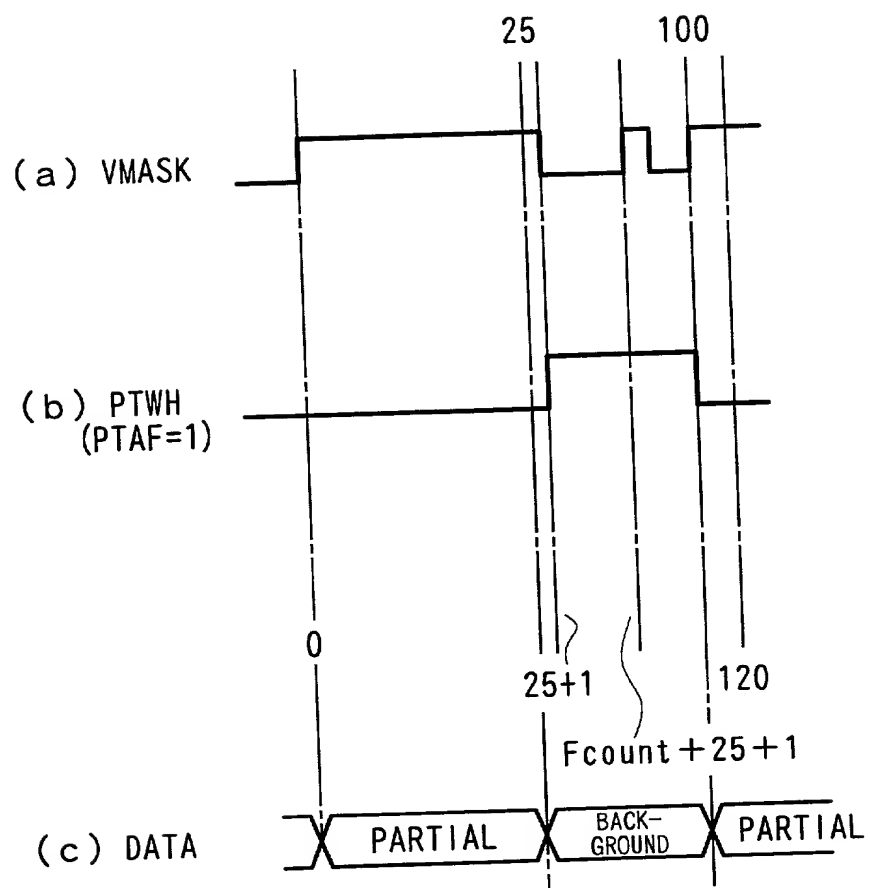
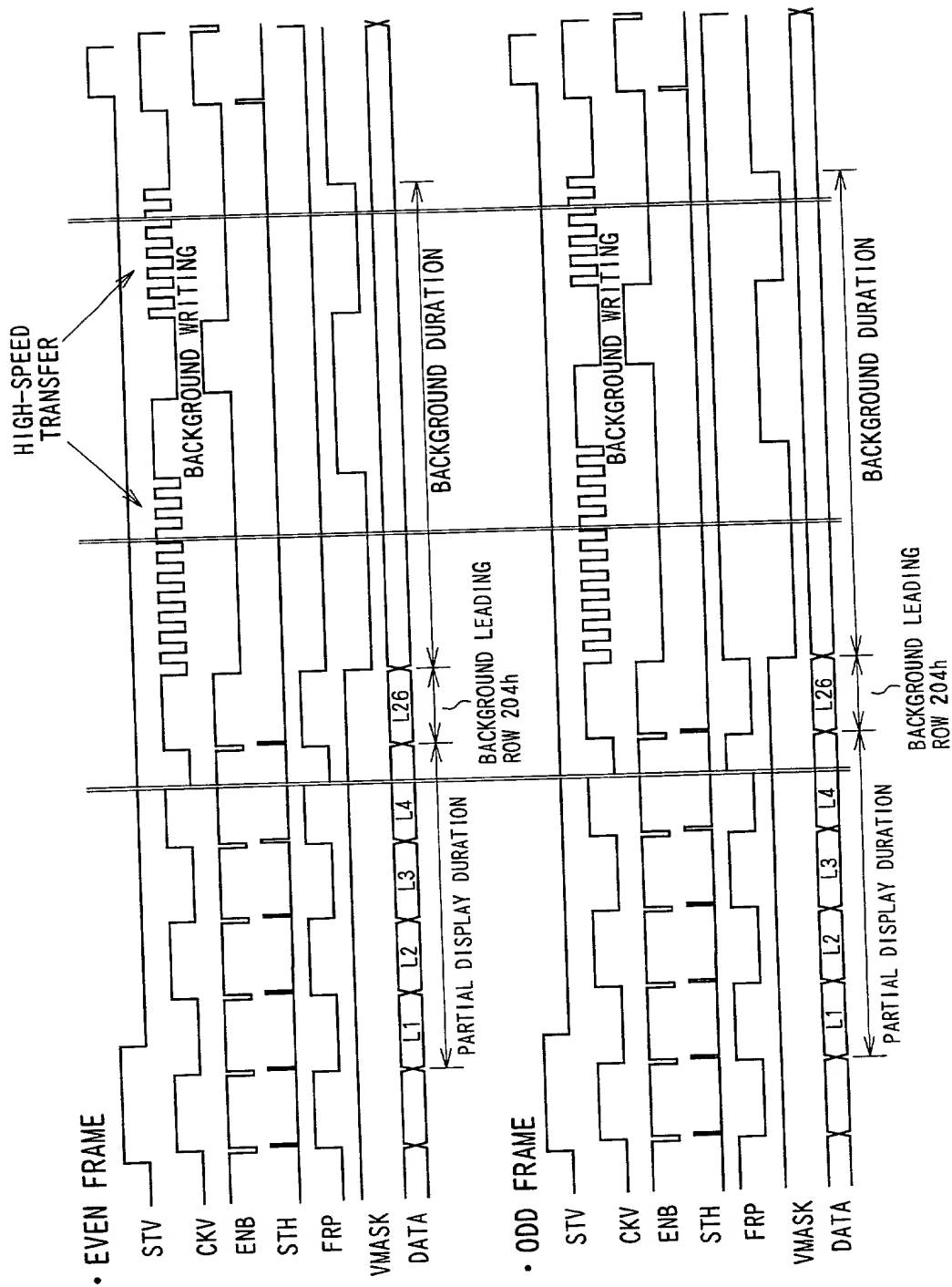


FIG. 23



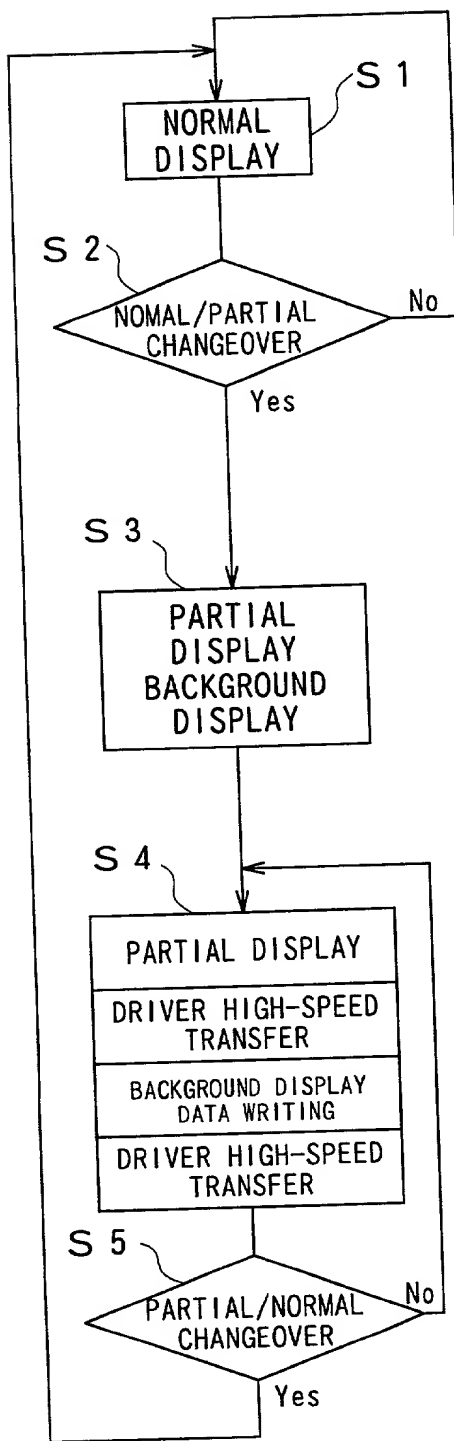


FIG. 25 (d)

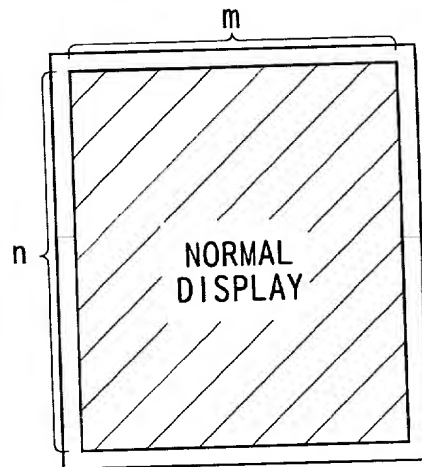


FIG. 25 (a)

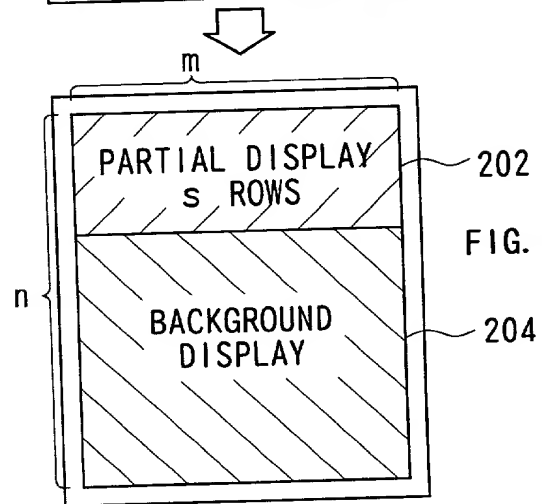


FIG. 25 (b)

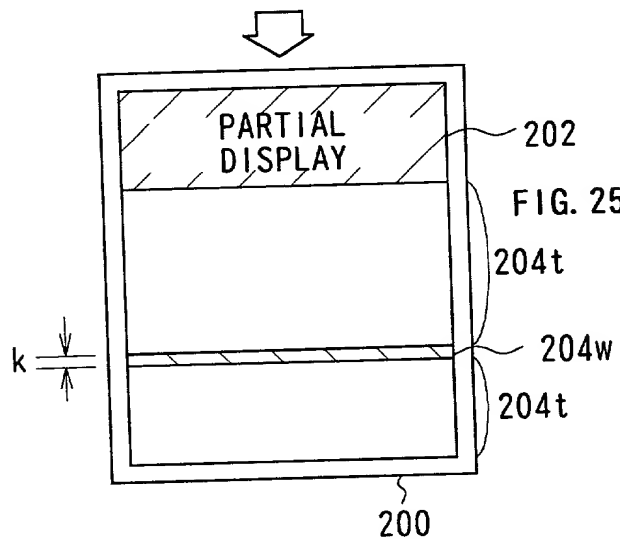


FIG. 25 (c)

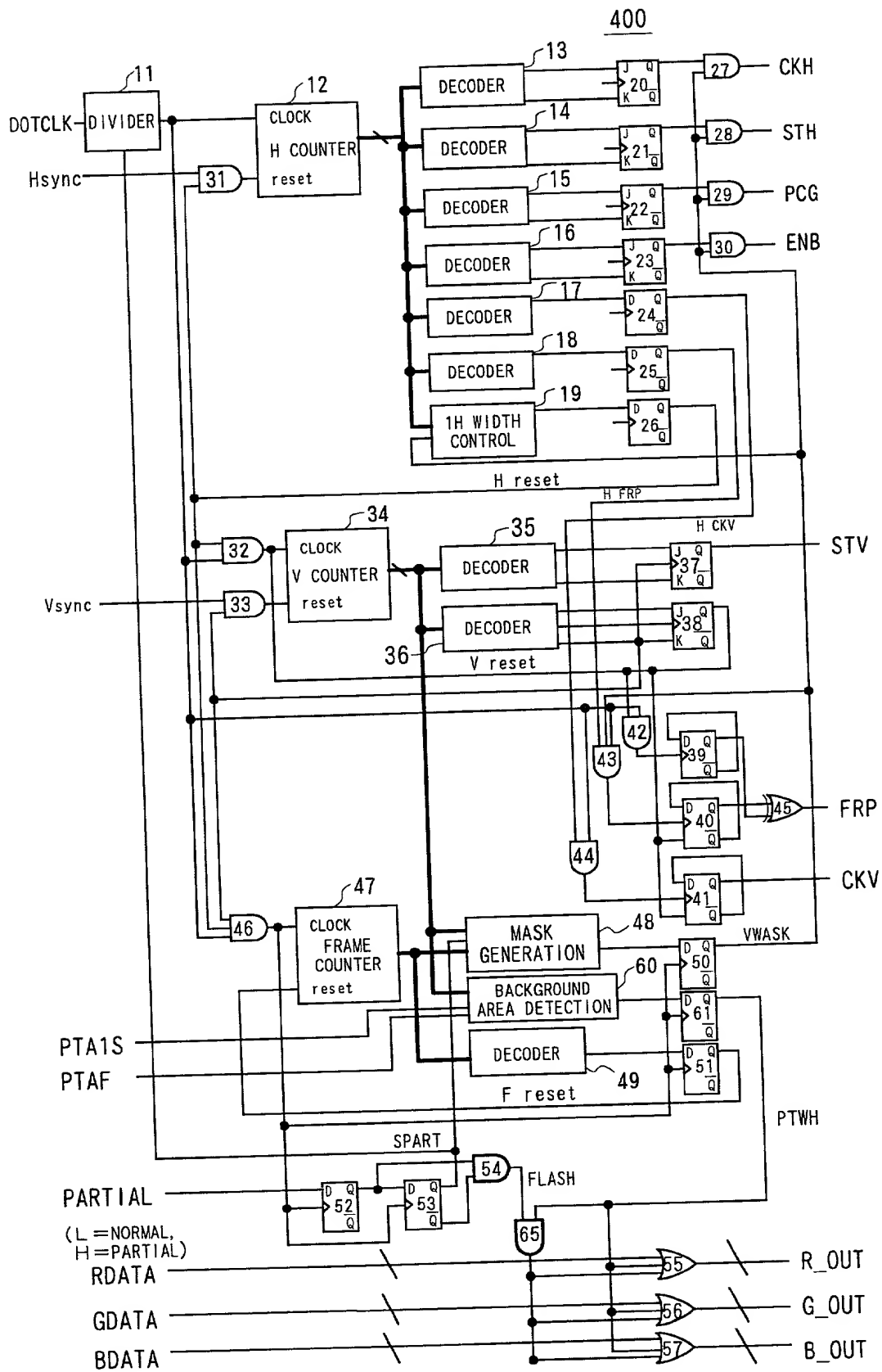


FIG. 26